

APPLICANT FACSIMILE OF FORM PTO-1449

REV 7-80

U.S. DEPARTMENT OF  
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ATTY DOCKET NO

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LIST OF PUBLICATIONS CITED BY APPLICANT  
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APPLICANT

Ira Herman et al.

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December 28, 2000

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4645 1636

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

SSP	A1	Allen PG, et al. "Phalloidin binding and rheological differences among actin isoforms." <i>Biochemistry</i> . 1996 Nov 12;35(45):14062-9
	A2	Arber S, et al. "Regulation of actin dynamics through phosphorylation of cofilin by LIM-kinase". <i>Nature</i> . 1998 Jun 25;393(6687):805-9
	A3	Aspenstrom P, et al. "Two GTPases, Cdc42 and Rac, bind directly to a protein implicated in the immunodeficiency disorder Wiskott-Aldrich syndrome". <i>Curr Biol</i> . 1996 Jan 1;6(1):70-5
	A4	Ayscough KR. "In vivo functions of actin-binding proteins." <i>Curr Opin Cell Biol</i> . 1998 Feb;10(1):102-11
	A5	Bassell GJ, et al. "Sorting of beta-actin mRNA and protein to neurites and growth cones in culture." <i>J Neurosci</i> . 1998 Jan 1;18(1):251-65
	A6	Bea F, et al. "Cardiac alpha-actin in smooth muscle cells: detection in umbilical cord vessels and in atherosclerotic lesions." <i>Basic Res Cardiol</i> . 2000 Apr;95(2):106-13
	A7	Brault V, et al. "Substitution of flight muscle-specific actin by human (beta)-cytoplasmic actin in the indirect flight muscle of Drosophila." <i>J Cell Sci</i> . 1999 Nov;112 ( Pt 21):3627-39
	A8	Carlier MF. "Control of actin dynamics." <i>Curr Opin Cell Biol</i> . 1998 Feb;10(1):45-51
	A9	Clowes AW, et al. "Arterial smooth muscle cells in vivo: relationship between actin isoform expression and mitogenesis and their modulation by heparin." <i>J Cell Biol</i> . 1988 Nov;107(5):1939-45
	A10	Dugina V, et al. "Rat fibroblasts cultured from various organs exhibit differences in alpha-smooth muscle actin expression, cytoskeletal pattern, and adhesive structure organization." <i>Exp Cell Res</i> . 1998 Feb 1;238(2):481-90
	A11	Fyrberg EA, et al. "The actin genes of Drosophila: a dispersed multigene family." <i>Cell</i> . 1980 Feb;19(2):365-78
	A12	Genbank Accession AB046781, Homo Sapiens mRNA for KIIA1561 protein, partial cds.
Examiner	Sita Pappu	
*EXAMINER	Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

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**OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)**

SSP	B1	Genbank Accession X99145, Canis familiaris mRNA for C3VS protein
	B2	Gunning P, et al. "Actin and tropomyosin isoforms in morphogenesis." <i>Anat Embryol (Berl)</i> . 1997 Apr;195(4):311-5
	B3	Hannan AJ, et al. "Structural compartments within neurons: developmentally regulated organization of microfilament isoform mRNA and protein." <i>Mol Cell Neurosci</i> . 1998 Aug;11(5-6):289-304
	B4	Herman IM. Actin isoforms. <i>Curr Opin Cell Biol</i> . 1993 Feb;5(1):48-55
	B5	Herman IM, et al. "Comparison of purified anti-actin and fluorescent-heavy meromyosin staining patterns in dividing cells." <i>J Cell Biol</i> . 1979 Mar;80(3):509-20.
	B6	Herman IM, et al. "Microvascular pericytes contain muscle and nonmuscle actins." <i>J Cell Biol</i> . 1985 Jul;101(1):43-52
	B7	Hoock TC, et al. "Beta actin and its mRNA are localized at the plasma membrane and the regions of moving cytoplasm during the cellular response to injury". <i>J Cell Biol</i> . 1991 Feb;112(4):653-64
	B8	Janmey PA, et al. "Modulation of gelsolin function by phosphatidylinositol 4,5-bisphosphate." <i>Nature</i> . 1987 Jan 22-28;325(6102):362-4
	B9	Kimura K, et al. "Hypertensive glomerular damage as revealed by the expression of alpha-smooth muscle actin and non-muscle myosin." <i>Kidney Int Suppl</i> . 1996 Jun;55:S169-72
↓	B10	Kislauksis EH, et al. "Isoform-specific 3'-untranslated sequences sort alpha-cardiac and beta-cytoplasmic actin messenger RNAs to different cytoplasmic compartments". <i>J Cell Biol</i> . 1993 Oct;123(1):165-72
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## FOREIGN PATENT DOCUMENTS

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## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

SSP	C1	Kislauskis EH, et al. Sequences responsible for intracellular localization of beta-actin messenger RNA also affect cell phenotype. <i>J Cell Biol.</i> 1994 Oct;127(2):441-51
	C2	Kureishi Y, et al. "Rho-associated kinase directly induces smooth muscle contraction through myosin light chain phosphorylation." <i>J Biol Chem.</i> 1997 May 9;272(19):12257-60
	C3	Lassing I, et al. "Specificity of the interaction between phosphatidylinositol 4,5-bisphosphate and the profilin:actin complex" <i>J Cell Biochem.</i> 1988 Jul;37(3):255-67
	C4	Meagher RB, et al. "Isovariant dynamics expand and buffer the responses of complex systems: the diverse plant actin gene family" <i>Plant Cell.</i> 1999 Jun;11(6):995-1006
	C5	Miki H, et al. "N-WASP, a novel actin-depolymerizing protein, regulates the cortical cytoskeletal rearrangement in a PIP2-dependent manner downstream of tyrosine kinases." <i>EMBO J.</i> 1996 Oct 1;15(19):5326-35
	C6	Otey CA, et al. "Immunolocalization of muscle and nonmuscle isoforms of actin in myogenic cells and adult skeletal muscle." <i>Cell Motil Cytoskeleton.</i> 1988;9(4):337-48
	C7	Otey CA, et al. "Immunolocalization of the gamma isoform of nonmuscle actin in cultured cells." <i>J Cell Biol.</i> 1986 May;102(5):1726-37
	C8	Potter DA, et al. "Calpain regulates actin remodeling during cell spreading". <i>J Cell Biol.</i> 1998 May 4;141(3):647-62
	C9	Pinder JC, et al. "Concentrated Tris solutions for the preparation, depolymerization, and assay of actin: application to erythroid actin" <i>Anal Biochem.</i> 1995 Mar 1;225(2):291-5
	C10	Sanders LC, et al. "Inhibition of myosin light chain kinase by p21-activated kinase." <i>Science.</i> 1999 Mar 26;283(5410):2083-5
V	C11	Schafer DA, et al. "Dynamics of capping protein and actin assembly in vitro: uncapping barbed ends by polyphosphoinositides." <i>J Cell Biol.</i> 1996 Oct;135(1):169-79
Examiner	Sita Page	
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

SSP	D1	Schevzov G, et al. "High level expression of transfected beta- and gamma-actin genes differentially impacts on myoblast cyoarchitecture." <i>J Cell Biol.</i> 1992 May;117(4):775-85
	D2	Schroer E, et al. "Purification and characterization of a protein from chicken gizzard, which inhibits actin polymerization." <i>Eur J Biochem.</i> 1985 Dec 16;153(3):515-20
	D3	Shuster CB, et al. "Indirect association of ezrin with F-actin: isoform specificity and calcium sensitivity." <i>J Cell Biol.</i> 1995 Mar;128(5):837-48
	D4	Shuster CB, et al. "Beta cap73: a novel beta actin-specific binding protein". <i>Cell Motil Cytoskeleton.</i> 1996;35(3):175-87
	D5	Symons M, et al. "Wiskott-Aldrich syndrome protein, a novel effector for the GTPase CDC42Hs, is implicated in actin polymerization." <i>Cell.</i> 1996 Mar 8;84(5):723-34
	D6	The TIGR Human Gene Index (HGI) HGI THC Report: THC186491, <a href="http://www.tigr.org/docs/scipts/tc_report.pl">http://www.tigr.org/docs/scipts/tc_report.pl</a>
	D7	The TIGR Human Gene Index (HGI) HGI THC Report: THC244788, <a href="http://www.tigr.org/docs/scipts/tc_report.pl">http://www.tigr.org/docs/scipts/tc_report.pl</a>
	D8	The TIGR Human Gene Index (HGI) HGI THC Report: THC213238, <a href="http://www.tigr.org/docs/scipts/tc_report.pl">http://www.tigr.org/docs/scipts/tc_report.pl</a>
	D9	von Arx P, et al. "Dominant negative effect of cytoplasmic actin isoproteins on cardiomyocyte cyoarchitecture and function." <i>J Cell Biol.</i> 1995 Dec;131(6 Pt 2):1759-73
	D10	Watanabe N, et al. "p140mDia, a mammalian homolog of Drosophila diaphanous, is a target protein for Rho small GTPase and is a ligand for profilin." <i>EMBO J.</i> 1997 Jun 2;16(11):3044-56
	D11	Yang N, et al. "Cofilin phosphorylation by LIM-kinase 1 and its role in Rac-mediated actin reorganization." <i>Nature.</i> 1998 Jun 25;393(6687):809-12
↓	D12	Yao X, et al. "Ezrin-calpain I interactions in gastric parietal cells." <i>Am J Physiol.</i> 1993 Jul;265(1 Pt 1):C36-46

Examiner

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